

EAST BRS Search #1

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|-------|------------------|---------|------------------|
| L1 | 12 | TPTP | USPAT | OR | ON | 2005/09/14 09:37 |
| L2 | 14 | thermal ADJ pole ADJ tip ADJ protrusion | USPAT | OR | ON | 2005/09/14 09:03 |
| L3 | 506 | pole NEAR5 protrusion | USPAT | OR | ON | 2005/09/14 09:37 |
| L4 | 44 | L3 with (record\$3 or writ\$3) | USPAT | OR | ON | 2005/09/14 09:37 |
| L5 | 34 | pole ADJ tip ADJ protrusion | USPAT | OR | ON | 2005/09/14 09:38 |
| L6 | 2891023 | (abnormal\$3 or decreas\$3 or reduc\$4 or lower\$3) | USPAT | OR | ON | 2005/09/14 09:20 |
| L7 | 215202 | clearance or clearence | USPAT | OR | ON | 2005/09/14 09:39 |
| L8 | 3570 | (fly or flying) ADJ3 height | USPAT | OR | ON | 2005/09/14 09:39 |
| L9 | 1234 | (float or floating) ADJ3 amount | USPAT | OR | ON | 2005/09/14 09:39 |
| L10 | 1857489 | space or spacing or distance or displacement | USPAT | OR | ON | 2005/09/14 09:39 |
| L11 | 743288 | head or transducer | USPAT | OR | ON | 2005/09/14 09:40 |
| L12 | 1098350 | disk or disc or medium or media | USPAT | OR | ON | 2005/09/14 09:40 |
| L13 | 624746 | defect or defective or error or asperity | USPAT | OR | ON | 2005/09/14 09:41 |
| L14 | 2472386 | rate or frequency or count or number | USPAT | OR | ON | 2005/09/14 09:41 |
| L15 | 2849101 | control or controlling or vary or varying or varies or varied or change or changing or alter or altering or modify or modifying | USPAT | OR | ON | 2005/09/14 09:41 |
| L16 | 1012003 | current | USPAT | OR | ON | 2005/09/14 09:41 |
| L17 | 74 | L1 or L2 or L4 or L5 | USPAT | OR | ON | 2005/09/14 09:13 |
| L18 | 6181 | L10 NEAR5 L11 NEAR5 L12 | USPAT | OR | ON | 2005/09/14 09:15 |
| L19 | 2193606 | surface or platter | USPAT | OR | ON | 2005/09/14 09:15 |
| L20 | 2563377 | L12 or L19 | USPAT | OR | ON | 2005/09/14 09:15 |
| L21 | 12815 | L10 NEAR5 L11 NEAR5 L20 | USPAT | OR | ON | 2005/09/14 09:18 |
| L22 | 229200 | L7 or L8 or L9 or L21 | USPAT | OR | ON | 2005/09/14 09:17 |
| L23 | 1901614 | L7 or L10 | USPAT | OR | ON | 2005/09/14 09:17 |
| L24 | 48186 | L10 NEAR5 L11 NEAR5 L23 | USPAT | OR | ON | 2005/09/14 10:19 |
| L25 | 51678 | L8 or L9 or L24 | USPAT | OR | ON | 2005/09/14 09:18 |
| L26 | 3124201 | (abnormal\$3 or decreas\$3 or reduc\$4 or lower\$3 or chang\$3) | USPAT | OR | ON | 2005/09/14 09:38 |
| L27 | 1902414 | L8 or L9 or L23 | USPAT | OR | ON | 2005/09/14 09:24 |
| L28 | 327416 | L26 NEAR5 L27 | USPAT | OR | ON | 2005/09/14 09:25 |
| L29 | 327467 | L17 or L28 | USPAT | OR | ON | 2005/09/14 09:26 |
| L30 | 51 | L29 not L28 | USPAT | OR | ON | 2005/09/14 09:26 |
| L31 | 23 | L17 not L30 | USPAT | OR | ON | 2005/09/14 09:27 |
| L32 | 92347 | L13 NEAR5 L14 | USPAT | OR | ON | 2005/09/14 09:28 |

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|-----|--------|---|----------|----|----|------------------|
| L33 | 275139 | L15 NEAR10 L16 | USPAT | OR | ON | 2005/09/14 09:29 |
| L34 | 19 | L29 same L32 same L33 | USPAT | OR | ON | 2005/09/14 09:33 |
| L35 | 4 | L34 and L11 and L12 | USPAT | OR | ON | 2005/09/14 09:34 |
| L36 | 16 | TPTP | US-PGPUB | OR | ON | 2005/09/14 10:34 |
| L37 | 270 | pole NEAR5 protrusion | US-PGPUB | OR | ON | 2005/09/14 10:34 |
| L38 | 71 | L37 with (record\$3 or writ\$3) | US-PGPUB | OR | ON | 2005/09/14 10:34 |
| L39 | 55 | pole ADJ tip ADJ protrusion | US-PGPUB | OR | ON | 2005/09/14 10:35 |
| L40 | 904695 | (abnormal\$3 or decreas\$3 or reduc\$4 or lower\$3 or chang\$3) | US-PGPUB | OR | ON | 2005/09/14 10:36 |
| L41 | 50119 | clearance or clearence | US-PGPUB | OR | ON | 2005/09/14 10:36 |
| L42 | 1429 | (fly or flying) ADJ3 height | US-PGPUB | OR | ON | 2005/09/14 10:36 |
| L43 | 417 | (float or floating) ADJ3 amount | US-PGPUB | OR | ON | 2005/09/14 10:36 |
| L44 | 525999 | space or spacing or distance or displacement | US-PGPUB | OR | ON | 2005/09/14 10:37 |
| L45 | 193822 | head or transducer | US-PGPUB | OR | ON | 2005/09/14 09:40 |
| L46 | 423959 | disk or disc or medium or media | US-PGPUB | OR | ON | 2005/09/14 09:40 |
| L47 | 260674 | defect or defective or error or asperity | US-PGPUB | OR | ON | 2005/09/14 10:38 |
| L48 | 793632 | rate or frequency or count or number | US-PGPUB | OR | ON | 2005/09/14 10:38 |
| L49 | 846561 | control or controlling or vary or varying or varies or varied or change or changing or alter or altering or modify or modifying | US-PGPUB | OR | ON | 2005/09/14 10:43 |
| L50 | 399875 | current | US-PGPUB | OR | ON | 2005/09/14 10:44 |
| L51 | 98 | L36 or L38 or L39 | US-PGPUB | OR | ON | 2005/09/14 09:42 |
| L52 | 575330 | surface or platter | US-PGPUB | OR | ON | 2005/09/14 09:51 |
| L53 | 759719 | L46 or L52 | US-PGPUB | OR | ON | 2005/09/14 09:52 |
| L54 | 538024 | L41 or L44 | US-PGPUB | OR | ON | 2005/09/14 09:52 |
| L55 | 13715 | L11 NEAR5 L20 NEAR5 L23 | USPAT | OR | ON | 2005/09/14 10:22 |
| L56 | 16919 | L8 or L9 or L55 | USPAT | OR | ON | 2005/09/14 10:26 |
| L57 | 538339 | L41 or L42 or L43 or L44 | US-PGPUB | OR | ON | 2005/09/14 10:27 |
| L58 | 100203 | L40 NEAR5 L57 | US-PGPUB | OR | ON | 2005/09/14 10:28 |
| L59 | 41868 | L47 NEAR5 L48 | US-PGPUB | OR | ON | 2005/09/14 10:28 |
| L60 | 95938 | L49 NEAR10 L50 | US-PGPUB | OR | ON | 2005/09/14 10:29 |
| L61 | 100240 | L51 or L58 | US-PGPUB | OR | ON | 2005/09/14 10:30 |
| L62 | 4 | L59 same L60 same L61 | US-PGPUB | OR | ON | 2005/09/14 10:33 |
| L63 | 37 | L61 not L58 | US-PGPUB | OR | ON | 2005/09/14 10:31 |
| L64 | 61 | L51 not L63 | US-PGPUB | OR | ON | 2005/09/14 10:31 |
| L65 | 1 | L62 and L45 and L46 | US-PGPUB | OR | ON | 2005/09/14 10:32 |
| L66 | 0 | TPTP | EPO | OR | ON | 2005/09/14 10:39 |
| L67 | 15 | pole NEAR5 protrusion | EPO | OR | ON | 2005/09/14 10:39 |

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|-------|---------|---|-----|----|----|------------------|
| L68 | 0 | L67 with (record\$3 or writ\$3) | EPO | OR | ON | 2005/09/14 10:39 |
| L69 | 1 | pole ADJ tip ADJ protrusion | EPO | OR | ON | 2005/09/14 10:40 |
| L70 | 356845 | (abnormal\$3 or decreas\$3 or reduc\$4 or lower\$3 or chang\$3) | EPO | OR | ON | 2005/09/14 10:40 |
| L71 | 8070 | clearance or clearence | EPO | OR | ON | 2005/09/14 10:41 |
| L72 | 71 | (fly or flying) ADJ3 height | EPO | OR | ON | 2005/09/14 10:41 |
| L73 | 18 | (float or floating) ADJ3 amount | EPO | OR | ON | 2005/09/14 10:41 |
| L74 | 169024 | space or spacing or distance or displacement | EPO | OR | ON | 2005/09/14 10:41 |
| L75 | 175686 | L71 or L72 or L73 or L74 | EPO | OR | ON | 2005/09/14 10:37 |
| L76 | 9158 | L70 NEAR5 L75 | EPO | OR | ON | 2005/09/14 10:37 |
| L77 | 9159 | L69 or L76 | EPO | OR | ON | 2005/09/14 10:38 |
| L78 | 28006 | defect or defective or error or asperity | EPO | OR | ON | 2005/09/14 10:42 |
| L79 | 204688 | rate or frequency or count or number | EPO | OR | ON | 2005/09/14 10:42 |
| L80 | 2670 | L78 NEAR5 L79 | EPO | OR | ON | 2005/09/14 10:38 |
| (L81) | 6 | L77 same L80 | EPO | OR | ON | 2005/09/14 10:39 |
| L82 | 1 | TPTP | JPO | OR | ON | 2005/09/14 10:45 |
| L83 | 226 | pole NEAR5 protrusion | JPO | OR | ON | 2005/09/14 10:45 |
| L84 | 1 | L83 with (record\$3 or writ\$3) | JPO | OR | ON | 2005/09/14 10:45 |
| L85 | 2 | pole ADJ tip ADJ protrusion | JPO | OR | ON | 2005/09/14 10:45 |
| L86 | 3 | L82 or L84 or L85 | JPO | OR | ON | 2005/09/14 10:40 |
| L87 | 2524252 | (abnormal\$3 or decreas\$3 or reduc\$4 or lower\$3 or chang\$3) | JPO | OR | ON | 2005/09/14 10:46 |
| L88 | 52225 | clearance or clearence | JPO | OR | ON | 2005/09/14 10:46 |
| L89 | 197 | (fly or flying) ADJ3 height | JPO | OR | ON | 2005/09/14 10:46 |
| L90 | 652 | (float or floating) ADJ3 amount | JPO | OR | ON | 2005/09/14 10:46 |
| L91 | 607242 | space or spacing or distance or displacement | JPO | OR | ON | 2005/09/14 10:47 |
| L92 | 651686 | L88 or L89 or L90 or L91 | JPO | OR | ON | 2005/09/14 10:41 |
| L93 | 72560 | L87 NEAR5 L92 | JPO | OR | ON | 2005/09/14 10:42 |
| L94 | 72563 | L86 or L93 | JPO | OR | ON | 2005/09/14 10:42 |
| L95 | 252567 | defect or defective or error or asperity | JPO | OR | ON | 2005/09/14 10:49 |
| L96 | 1134695 | rate or frequency or count or number | JPO | OR | ON | 2005/09/14 10:49 |
| L97 | 21355 | L95 NEAR5 L96 | JPO | OR | ON | 2005/09/14 10:43 |
| L98 | 69 | L94 same L97 | JPO | OR | ON | 2005/09/14 10:43 |
| L99 | 1796029 | control or controlling or vary or varying or varies or varied or change or changing or alter or altering or modify or modifying | JPO | OR | ON | 2005/09/14 10:50 |
| L100 | 399408 | current | JPO | OR | ON | 2005/09/14 10:50 |

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|------|---------|---|---------|----|----|------------------|
| L101 | 86136 | L99 NEAR10 L100 | JPO | OR | ON | 2005/09/14 10:44 |
| L102 | 1 | L98 same L101 | JPO | OR | ON | 2005/09/14 10:44 |
| L103 | 6 | TPTP | DERWENT | OR | ON | 2005/09/14 10:52 |
| L104 | 385 | pole NEAR5 protrusion | DERWENT | OR | ON | 2005/09/14 10:52 |
| L105 | 24 | L104 with (record\$3 or writ\$3) | DERWENT | OR | ON | 2005/09/14 10:45 |
| L106 | 20 | pole ADJ tip ADJ protrusion | DERWENT | OR | ON | 2005/09/14 10:52 |
| L107 | 36 | L103 or L105 or L106 | DERWENT | OR | ON | 2005/09/14 10:46 |
| L108 | 3822581 | (abnormal\$3 or decreas\$3 or reduc\$4 or lower\$3 or chang\$3) | DERWENT | OR | ON | 2005/09/14 10:53 |
| L109 | 76528 | clearance or clearence | DERWENT | OR | ON | 2005/09/14 10:53 |
| L110 | 670 | (fly or flying) ADJ3 height | DERWENT | OR | ON | 2005/09/14 10:53 |
| L111 | 227 | (float or floating) ADJ3 amount | DERWENT | OR | ON | 2005/09/14 10:53 |
| L112 | 1144470 | space or spacing or distance or displacement | DERWENT | OR | ON | 2005/09/14 10:53 |
| L113 | 1206737 | L109 or L110 or L111 or L112 | DERWENT | OR | ON | 2005/09/14 10:47 |
| L114 | 101422 | L108 NEAR5 L113 | DERWENT | OR | ON | 2005/09/14 10:48 |
| L115 | 101456 | L107 or L114 | DERWENT | OR | ON | 2005/09/14 10:48 |
| L118 | 291974 | defect or defective or error or asperity | DERWENT | OR | ON | 2005/09/14 10:54 |
| L119 | 2171175 | rate or frequency or count or number | DERWENT | OR | ON | 2005/09/14 10:54 |
| L120 | 24996 | L118 NEAR5 L119 | DERWENT | OR | ON | 2005/09/14 10:50 |
| L121 | 94 | L115 same L120 | DERWENT | OR | ON | 2005/09/14 10:50 |
| L122 | 2855007 | control or controlling or vary or varying or varies or varied or change or changing or alter or altering or modify or modifying | DERWENT | OR | ON | 2005/09/14 10:55 |
| L123 | 607186 | current | DERWENT | OR | ON | 2005/09/14 10:55 |
| L124 | 127494 | L122 NEAR10 L123 | DERWENT | OR | ON | 2005/09/14 10:51 |
| L125 | 2 | L121 same L124 | DERWENT | OR | ON | 2005/09/14 10:51 |
| L126 | 0 | TPTP | IBM_TDB | OR | ON | 2005/09/14 10:52 |
| L127 | 2 | pole NEAR5 protrusion | IBM_TDB | OR | ON | 2005/09/14 10:52 |
| L128 | 1 | pole ADJ tip ADJ protrusion | IBM_TDB | OR | ON | 2005/09/14 10:52 |
| L129 | 2 | L127 or L128 | IBM_TDB | OR | ON | 2005/09/14 10:52 |
| L130 | 38643 | (abnormal\$3 or decreas\$3 or reduc\$4 or lower\$3 or chang\$3) | IBM_TDB | OR | ON | 2005/09/14 10:53 |
| L131 | 877 | clearance or clearence | IBM_TDB | OR | ON | 2005/09/14 10:53 |
| L132 | 196 | (fly or flying) ADJ3 height | IBM_TDB | OR | ON | 2005/09/14 10:53 |
| L133 | 2 | (float or floating) ADJ3 amount | IBM_TDB | OR | ON | 2005/09/14 10:53 |
| L134 | 13795 | space or spacing or distance or displacement | IBM_TDB | OR | ON | 2005/09/14 10:53 |
| L135 | 14516 | L131 or L132 or L133 or L134 | IBM_TDB | OR | ON | 2005/09/14 10:53 |

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|------|-------|--|---------|----|----|------------------|
| L136 | 805 | L130 NEAR5 L135 | IBM_TDB | OR | ON | 2005/09/14 10:54 |
| L137 | 0 | L129 same L136 | IBM_TDB | OR | ON | 2005/09/14 10:54 |
| L138 | 807 | L129 or L136 | IBM_TDB | OR | ON | 2005/09/14 10:54 |
| L139 | 11264 | defect or defective or error or asperity | IBM_TDB | OR | ON | 2005/09/14 10:54 |
| L140 | 31832 | rate or frequency or count or number | IBM_TDB | OR | ON | 2005/09/14 10:55 |
| L141 | 968 | L139 NEAR5 L140 | IBM_TDB | OR | ON | 2005/09/14 10:55 |
| L142 | 11 | L138 same L141 | IBM_TDB | OR | ON | 2005/09/14 10:55 |
| L143 | 38281 | control or controlling or vary or varying or varies or varied or change or changing or alter or altering or modify or modifying | IBM_TDB | OR | ON | 2005/09/14 10:55 |
| L144 | 17803 | current | IBM_TDB | OR | ON | 2005/09/14 10:55 |
| L145 | 1692 | L143 NEAR5 L144 | IBM_TDB | OR | ON | 2005/09/14 10:55 |
| L146 | 0 | L142 same L145 | IBM_TDB | OR | ON | 2005/09/14 10:55 |

EAST BRS Search #2

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|----------|------------------|---------|------------------|
| L1 | 12 | TPTP | USPAT | OR | ON | 2005/09/14 15:03 |
| L2 | 743288 | head or transducer | USPAT | OR | ON | 2005/09/14 15:04 |
| L3 | 1098350 | disk or disc or medium or media | USPAT | OR | ON | 2005/09/14 15:04 |
| L4 | 1032 | pole NEAR5 (protrude or protrusion) | USPAT | OR | ON | 2005/09/14 14:38 |
| L5 | 1043 | L1 or L4 | USPAT | OR | ON | 2005/09/14 14:38 |
| L6 | 85 | (pole NEAR5 (protrude or protrusion)) same (heat or temperature or thermal) | USPAT | OR | ON | 2005/09/14 15:04 |
| L7 | 96 | L1 or L6 | USPAT | OR | ON | 2005/09/14 14:38 |
| L8 | 51 | L2 and L3 and L7 | USPAT | OR | ON | 2005/09/14 14:38 |
| L9 | 239 | L2 and L3 and L5 | USPAT | OR | ON | 2005/09/14 14:38 |
| L10 | 188 | L9 not L8 | USPAT | OR | ON | 2005/09/14 15:03 |
| L11 | 16 | TPTP | US-PGPUB | OR | ON | 2005/09/14 15:04 |
| L12 | 193822 | head or transducer | US-PGPUB | OR | ON | 2005/09/14 15:04 |
| L13 | 423959 | disk or disc or medium or media | US-PGPUB | OR | ON | 2005/09/14 15:04 |
| L14 | 116 | (pole NEAR5 (protrude or protrusion)) same (heat or temperature or thermal) | US-PGPUB | OR | ON | 2005/09/14 15:05 |
| L15 | 122 | L11 or L14 | US-PGPUB | OR | ON | 2005/09/14 15:05 |
| L16 | 101 | L12 and L13 and L15 | US-PGPUB | OR | ON | 2005/09/14 15:05 |

Searched circled L #'s